

CONTRACT AWARD		STATE OF ALASKA HQ, STATE EQUIPMENT FLEET (Contracting Authority) 2200 E. 42nd Avenue Anchorage, Alaska 99508 (907-269-0800)		CONTRACT AWARD NUMBER	
				1607367	
ORDERING DEPARTMENT HEADQUARTERS, STATE EQUIPMENT FLEET 2200 E. 42ND AVENUE ANCHORAGE, ALASKA 99508		COMMODITY CODE		DATE OF CONTRACT 6/25/07	
		NUMBER & PERIOD OF RENEWAL OPTIONS NONE		PR NO./DATE ASSIGNED	
		DATE INITIAL CONTRACT BEGINS 6/25/07		DATE INITIAL CONTRACT ENDS 6/24/10	
CONTRACTOR BOBS SERVICES ADDRESS 2009 SPARAVENUE ANCHORAGE, ALASKA 99501 CONTACT NAME KATH SKALSKY TELEPHONE NUMBER 276-3221		GS VENDOR CODE:			
		ISSUED IN ACCORDANCE WITH BID # SEF- 1200		DATED: 6/25/07	
		PRICE ADJ. REQ. PRIOR TO EACH RENEWAL:			
		CPI/PPI BASE INDEX POINTS & MO/YR:			
		REVIEW DATE:		RENEWALS EXPIRE (MO/YR):	
		ESTIMATED VALUE OF INITIAL TERM:		REBID:	
SEND INVOICES IN DUPLICATE TO: DOT&PF, STATE EQUIPMENT FLEET, 2200 E. 42ND AVENUE, ANCHORAGE AK 99508					
NOTE: This order constitutes a binding commitment between the State and the contractor listed hereon. Unauthorized modification without the expressed prior approval of the contracting authority will result in a financial obligation on the contractor and/or unauthorized State personnel making the change.					
DESCRIPTION					
<p>THREE YEAR CONTRACT FOR PURCHASE OF 8 CY MATERIAL SPREADERS/SANDERS</p> <p>CONTRACTING OFFICER CATHERINE DWYER</p> <p>PHONE: (907) 269-0786</p> <p>TABLE OF CONTENTS</p> <p><u>SECTION</u></p> <p>I. STANDARD TERMS & CONDITIONS</p> <p>II. SPECIAL TERMS & CONDITIONS</p> <p>III. PRICE SCHEDULE</p> <p>IV. SPECIFICATIONS</p>					
CONTRACTING AUTHORITY NAME & TITLE LYNDA SIMMONS, CONTRACTING OFFICER III				SIGNATURE	
TELEPHONE NO.: 907-269-0793 FAX NO.: 907-269-0801					
IMPORTANT 1. Contract award number and ordering department name must appear on all invoices and documents relating to this order. 2. The State is registered for tax free transactions under Chapter 32, IRS Code Registration No. 32-601185. Items are for the exclusive use of the State and not for resale.					

SECTION I

STANDARD TERMS AND CONDITIONS

- 1.0 ACCESSORIES:** When accessories are supplied, they must be certified to be compatible with the rest of the equipment. Certification will be written evidence satisfactory to the State that the accessories are compatible.
- 2.0 ALTERATIONS:** The contractor must obtain the written approval from the Contracting Officer prior to making any alterations to the specifications contained in this contract. The State will not pay for alterations that are not approved in advance and in writing by the Contracting Officer.
- 3.0 AMENDMENTS:** Contract terms shall not be waived, altered, modified, supplemented or amended without prior written approval of the Contracting Officer.
- 4.0 ASSIGNMENT:** A contractor may not assign any portion of a contract unless authorized in advance and in writing by the Contracting Officer.
- 5.0 COMPLIANCE WITH ALL GOVERNMENT REGULATIONS:** The contractor must comply with all applicable federal, state, and borough regulations, codes, and laws, and pay all applicable federal, state, and borough taxes, and is liable for all required insurance, licenses, permits, and bonds. Failure to comply with such requirements shall constitute a breach of contract and shall be grounds for contract cancellation. Damages or costs resulting from noncompliance shall be the sole responsibility of the contractor.
- 6.0 CONFLICT OF INTEREST:** A person employed by the State of Alaska may not seek to acquire, be a party to, or possess a financial interest in, this contract if they are an employee of the administrative unit that supervises the award of this contract or they have the power to take or withhold official action to affect the contract.
- 7.0 CONTRACT PERIOD:** 3 Years from date of award. There are no options to renew.
- 8.0 DEFAULT:** In case of contractor default, the State may procure the goods or services from another source and hold the contractor responsible for any resulting excess costs and may seek other remedies under law or equity. Alaska Statutes and Regulations provide for suspension and disbarment of non-responsible contractors.
- 9.0 DELIVERY:** All deliveries shall be F.O.B. final destination point with all transportation and handling charges paid by contractor. Responsibility and liability for loss or damage shall remain with the contractor until final inspection and acceptance when responsibility shall pass to the State except as to latent defects, fraud and contractor's warranty obligations.
- 10.0 DISCONTINUED ITEMS:** In the event an item is discontinued by the manufacturer during the life of the contract, another item may be substituted, provided that the Contracting Officer makes a written determination that it is equal or better than the discontinued item and provided that it is sold at the same price or less than the discontinued item.

11.0 DISPUTES: Any disputes arising out of this contract shall be resolved under the laws of Alaska. An appeal or any original action to enforce any provision of this agreement must be in the superior court for the First Judicial District of Alaska.

12.0 FORCE MAJEURE (Impossibility to perform): Neither party to this contract shall be held responsible for delay or default caused by acts of God and/or war, which is beyond that party's reasonable control. The State may terminate this contract upon written notice after determining such delay or default will reasonably prevent successful performance of the contract.

13.0 HUMAN TRAFFICKING:

13.1 By signature on this contract, the offeror certifies that:

13.1.1 the offeror is not established and headquartered or incorporated and headquartered, in a country recognized as Tier 3 in the most recent United States Department of State's Trafficking in Persons Report; or

13.1.2 if the offeror is established and headquartered or incorporated and headquartered, in a country recognized as Tier 3 in the most recent United States Department of State's Trafficking in Persons Report, a certified copy of the offeror's policy against human trafficking must be submitted to the State of Alaska prior to contract award.

13.2 The most recent United States Department of State's Trafficking in Persons Report can be found at the following website: www.state.gov/g/tip/

13.3 Failure to comply with this requirement will cause the state to cancel the contract.

13.4 This pertains to goods and services above \$50,000.00.

14.0 INDEMNIFICATION: The contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the contractor under this agreement. The contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the contractor and the independent negligence of the contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the contracting agency's selection, administration, monitoring, or controlling of the contractor and in approving or accepting the contractor's work.

15.0 INSPECTIONS: Goods furnished under this contract are subject to inspection and test by the State at times and places determined by the State. If the State finds goods furnished to be incomplete or not in compliance with contract specifications, the State may reject the goods and require the contractor to either correct them without charge or deliver them at a reduced price, which is equitable under the circumstances. If the contractor is unable or refuses to correct such goods within a time deemed reasonable by the State, the State may cancel the order in whole or in part. Nothing in this paragraph shall adversely affect the State's rights as buyer, including all remedies and rights granted by Alaska statutes.

16.0 INSURANCE:

- 16.1 Without limiting the contractor's indemnification, it is agreed that the contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the Contracting Officer prior to beginning work and must provide for a 30-day prior notice of cancellation, nonrenewal or material change of conditions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.
- 16.2 Proof of insurance is required for the following:
- 16.2.1 Workers' Compensation Insurance: The contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.
- 16.2.2 Commercial General Liability Insurance: covering all business premises and operations used by the contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per occurrence.
- 16.2.3 Commercial Automobile Liability Insurance: covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per occurrence.
- 16.3 Failure to supply satisfactory proof of insurance within the time required will cause the State to declare the contractor non-responsive and to reject the contract.

17.0 ITEM UPGRADES: The State reserves the right to accept upgrades to models on the basic contract when the upgrades improve the way the equipment operates or improve the accuracy of the equipment. Such upgraded items must be at the same price as the items in the basic contract.

18.0 NEW EQUIPMENT: Unless otherwise stated, equipment must be new. New equipment means equipment that is currently in production by the manufacturer and is still the latest model, edition or version generally offered. The equipment must be warranted as new by the manufacturer and may not have been used for any purpose, other than display (not demonstration), prior to its sale to the State. The State will not accept remanufactured, used or reconditioned equipment, including used or reconditioned components or parts of. It is the contractor's responsibility to ensure that each piece of equipment delivered to the State complies with this requirement. A contract's failure to comply with this requirement will cause the State to seek remedies under breach of contract.

- 19.0 PAYMENT:** Payment for agreements under \$500,000 for the undisputed purchase of goods or services provided to a State agency will be made within 30 days of the receipt of a proper billing or the delivery of the goods or services to the location(s) specified in the agreement, whichever is later. A late payment is subject to 1.5% interest per month on the unpaid balance. Interest will not be paid if there is a dispute or if there is an agreement, which establishes a lower interest rate or precludes the charging of interest.
- 20.0 PRICES:** Prices quoted for commodities or services must be in U.S. funds and include applicable federal duty, brokerage fees, packaging, and transportation cost to the FOB point so that upon transfer of title the commodity or service can be utilized without further cost.
- 21.0 QUANTITIES:** The State reserves the right to reduce or increase the quantity of items ordered under this contract.
- 22.0 SEVERABILITY:** If any provision of this contract is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected.
- 23.0 SHIPPING DAMAGE:** The State will not accept or pay for damaged goods. The contractor must file all claims against the carrier(s) for damages incurred to items in transit from the point of origin to the ultimate destination. The State will provide the contractor with written notice when damaged goods are received.
- 24.0 STANDARD AND SPECIAL TERMS AND CONDITIONS:** The terms and conditions of this section are standard to State of Alaska, Department of Transportation and Public Facilities, Statewide Equipment Fleet contracts for the purchase of goods. There may also be other special terms and conditions which apply only to this contract. In the event of a conflict between the standard and special terms and conditions, the Special Terms and Conditions take precedence.
- 25.0 SUCCESSORS IN INTEREST:** This contract shall be binding upon successors and assigns.
- 26.0 SUITABLE MATERIALS:** All materials, supplies or equipment offered by a contractor shall be new, unused, of recent manufacture, and suitable for the manufacturer's intended purpose unless the specifications allow for used, rebuilt or remanufactured equipment.
- 27.0 TAXES:** Prices must be exclusive of federal, state, and local taxes. If the contractor believes that certain taxes are payable by the State, the contractor may list such taxes separately, directly below the price for the affected item. The State is exempt from Federal Excise Tax because articles purchased are for the exclusive use of the State of Alaska.
- 28.0 WARRANTY:** Unless otherwise stated, all equipment shall be new and current model and shall carry full factory warranties. The contractor warrants all goods delivered to be free from defects in labor, material and manufacture and to be in compliance with contract specifications. All implied or expressed warranty provisions of the Uniform Commercial Code apply. All warranties shall be for and benefit the State.

SECTION II

SPECIAL TERMS AND CONDITIONS

NOTE: This section will be used for Terms and Conditions that are "special" and/or unique to a particular contract.

1.0 DELIVERY:

- 1.1 **Pre-delivery service:** Prior to delivery, each piece of equipment shall be serviced and inspected by the dealer or his agent. A certification of this inspection must include the following (as applicable to the type of equipment):

- 1.1.1 Dealer and vehicle identification.
- 1.1.2 Check-off of service and inspection performed including a list of all fluids including type weight and specification that are in the equipment as delivered for all fluid compartments.
- 1.1.3 The unit's fluid compartments, if applicable, shall be filled to the manufacturer's recommended capacity.
- 1.1.4 The unit shall be clean and free from defects when delivered and should be ready for immediate and continued use upon delivery.
- 1.1.5 Units delivered in an incomplete state, or that have deficiencies per the specification, are subject to the damage charges as noted in paragraph 4.0 below.

1.2 Delivery Receipt:

- 1.2.1 A delivery receipt will be required for the delivered unit. The receipt must be filled out by the vendor, and acknowledged by state receiving personnel by signature and date of actual receipt of equipment. One copy of this delivery receipt is to be given to the state receiving agency. The original shall accompany the vendor's invoice to support and properly identify the vehicle delivered.
- 1.2.2 Vendors are cautioned and advised that such delivery forms or other receiving type documents will not in any way be construed to mean the state has formally and fully accepted unit referenced thereon as complete and meeting every specification set forth. The Regional Equipment Manager is to be contacted regarding delivery coordination and contacts.
- 1.2.3 Under no conditions will warranty documents be presented at time of delivery for signature. Only the Contracting Officer or designee may sign warranty documentation.

2.0 LINE SHEETS/BILL OF MATERIALS:

- 2.1 It is required within 30 days after delivery that the contractor provide a comprehensive listing of all components used to assemble the unit.
- 2.2 This includes any components installed by the manufacturer or any subcontractor or the contractor.

2.3 Information will include at a minimum, when available, make, model and serial number.

2.3.1 On after-market items that are installed, part numbers with descriptions, such as, but not limited to hydraulic fittings, are to be provided.

3.0 F.O.B. POINT:

3.1 The price of each unit is to be based on delivery to Seattle/ Tacoma dockside area.

3.2 The F.O.B. point for all items purchased under this contract is the final destination anywhere within the State of Alaska. Ownership of and title to the ordered items remains with the contractor until the items have been delivered at their final destination and are accepted by the State.

3.3 The cost of shipping and delivery for orders beyond the limits of Seattle/Tacoma dockside will be handled as follows. The contractor will prepay the shipping and delivery charges to any destination named by the State in its order. The contractor will charge-back those shipping and delivery charges to the State as a separate line item on the State's invoice.

3.4 All shipping charges over \$100 must be documented by a copy of the actual shipping invoice and received with the invoice charge to the State.

4.0 DAMAGES FOR LATE DELIVERY AND NON-CONFORMING GOODS:

4.1 Time is of the essence in this contract. The contractor is expected to deliver goods that conform in all material respects to the contract specifications on or before the date provided therein, as may be amended by written agreement of the parties.

4.2 In the event that the goods are delivered late or in the event that the goods do not conform in all material respects to the contract specifications, the State shall be entitled to offset against the Contract Price, as liquidated damages and not as a penalty, an amount equal to one (1) percent of the total individual purchase order cost, per day, multiplied by the number of days elapsing between the delivery date provided in the specifications and the date that conforming goods are delivered to the State. The number of days for which liquidated damages shall apply shall include, in the case of non-conforming goods, the time reasonably necessary for the State to inspect the goods.

4.3 These liquidated damages represent a reasonable estimate of amounts necessary to compensate the State for loss of use of the goods during the period in which the goods would have been available to the State if conforming goods had been timely delivered.

5.0 WARRANTY:

5.1 **Standard Warranty Package:** Unless otherwise stipulated by this contract, the contractor will provide a one-year (12 month) full (100%) warranty.

5.1.1 Full (100%) Parts and Labor Warranty Coverage of all components for the first year (12-months), from the date the unit is placed in service.

- 5.1.1.1 Warranty repairs shall take place at the vendor's authorized warranty service centers in Anchorage. Contractors are required to have authorized warranty repair centers located in Anchorage at a minimum.
- 5.1.1.2 Full Warranty Coverage includes all cost of labor, parts, freight of parts or associated tools, transportation and travel in the Anchorage as a minimum (within a 10 mile radius), lubricants, miscellaneous cost, etc., to place the unit in like-new condition. All travel costs for warranty performed outside of these areas will be billed as follows:
 - 5.1.1.2.1 Travel Labor Charge, as quoted in Section III – Price Schedule. Travel labor will only be reimbursed for the time the employee is traveling from a warranty service center to the in-service location and return.
 - 5.1.1.2.2 Mileage Charge, from the warranty service center to the in-service location, as quoted in Section III – Price Schedule.
 - 5.1.1.2.3 Meals are paid at actual and charges must be accompanied by receipts and are not to exceed the State authorized \$42.00 per day.
 - 5.1.1.2.4 Transportation, such as airfare (coach only), shall be reimbursed at actual and all charges are to be accompanied by a receipt/copy of the ticket.
 - 5.1.1.2.5 Lodging shall be reimbursed at actual and shall not exceed \$100.00 per night unless no other lodging is available. Requests for reimbursement must be accompanied by a receipt.
 - 5.1.1.2.6 Travel must be charged from the closest warranty service center to the in-service location unless otherwise approved by the Contract Administrator.
- 5.1.2 Should the manufacturer's standard warranty exceed the minimum State warranty requirements, the manufacturer's warranty will run in conjunction with and enhance the State's warranty, then continue for the remainder of its term.

5.2 General Warranty Requirements for all Equipment:

5.2.1 Warranty Exceptions:

- 5.2.1.1 For clarification, warranty does not apply to normal wear and tear or maintenance items, accident damages, misuse of equipment or failure to operate or maintain equipment as prescribed by vendor/manufacturer.

5.2.2 In-Service Date:

- 5.2.3 Warranty on vehicles not placed in service immediately upon receipt because of time lag to construct body components and/or installation of special equipment, or due to seasonal usage or other delay, shall be warranted from the date the vehicle is placed in service. The receiving agency shall notify the vendor/manufacture in writing of the actual "in service" date. Notification of the requirement for delayed warranty will be provided on delivery orders whenever possible.
- 5.2.4 **Authorized Warranty Dealer (Contractor) and Subcontractor:** For the purpose of this contract, the contractor must meet the following applicable requirements:
- 5.2.4.1 Contractor must:
- 5.2.4.1.1 be a manufacturer(s) authorized warranty service dealer for the unit, a minimum of one (1) year, and;
 - 5.2.4.1.2 have the capability of providing warranty servicing and repair work within the State of Alaska, with an authorized warranty repair facility in Anchorage, as a minimum.
- 5.2.4.2 Contractor, if appropriate, shall submit the name, address, Alaska business license of any subcontractor who will provide the warranty servicing and repair work referenced in paragraph 5.1 above. The contractor must also provide contractual documentation or agreements with the subcontractor insuring the state that the subcontractor will provide complete contract performance on behalf of the contractor as set forth in this contract and verification that the work provided will maintain manufacturer's warranty requirements.
- 5.2.4.2.1 Approval of all subcontractors must take place prior to the bid opening.
 - 5.2.4.2.2 The use of a subcontractor does not exclude the provisions as noted in paragraphs 5.2.3.1, and subsequent paragraphs, as requirements to the contractor.
- 5.2.5 **Warranty Claims:**
- 5.2.5.1 Warranty will be provided at the unit's assigned (in-service) location. Because of the remote location of some equipment it is not always practical to deliver equipment to authorized warranty repair facilities. In these cases, the vendor may perform warranty work at the state's location or, the State of Alaska, at its discretion, reserves the right to perform the warranty work and be reimbursed by the vendor.
 - 5.2.5.2 The State of Alaska has established a warranty procedure whereby the vendor is to be notified via letter, telex, fax, etc. that warranty work needs to be performed. If time is of the essence, a telephone call confirmed by one of the above written

procedures may be utilized. The vendor must notify the state immediately that it will begin to perform the warranty work at the equipment location within 48 hours from receipt of written notification. The State may, at its discretion, proceed to make warranty repairs with its own work force in the case of emergency situation or to preclude excessive downtime (greater than 48 hours).

5.2.5.3 Failure to notify the State that the vendor intends to begin warranty work by the end of the business day following the state's notification that work is required to be performed is considered a contractual breach.

5.2.6 The vendor will be invoiced for required warranty work performed by the state. The shop rate to be charged for warranty work performed by the state will be **\$86.00** per hour. Labor hours to be charged will be in accordance with appropriate flat rate manuals. If flat rate manuals do not cover the labor operation, actual repair time will be used. Warranty work performed by state shop personnel at locations where no shop personnel are permanently stationed may be subject to travel expenses incurred involving those warranty repairs.

5.2.7 Factory Recall:

5.2.7.1 Nationwide factory recall or product update programs are the responsibility of the vendor and/or manufacturer. The State will attempt to bring affected equipment to an authorized repair facility. However, because of the remoteness of some equipment this is not always practicable or economical. In such cases, factory recall and modification work will be handled the same as warranty work. Factory recall notices sent to the state should, in addition to serial number, include model, year, and dealer from whom purchased.

5.2.8 **Hazardous Material:**

5.2.8.1 Due to concerns about liability resulting from hazardous materials being left at the work site on State of Alaska property, effective immediately no vendors will be allowed to use the State of Alaska rural airport facilities to perform warranty work unless they agree and sign a letter of intent stating that all waste products including oils, coolant and garbage will be removed from the work site. Vendors should note that in some village locations other suitable facilities might be available for rent from local residents or village authority.

6.0 REPAIR ORDERS AND DOCUMENTATION: Any work performed by the contractor or approved subcontractor, whether warranty or any other work on a piece of equipment purchased under this contract, will require a copy of the repair order, any invoices showing parts and commodities including oils and types used.

7.0 PUBLICATIONS:

- 7.1 Publications are to be received by the State of Alaska no later than 10 days after receipt of the unit. Custom manuals may be delivered no later than 90 days after receipt of the unit. Delivery will not be considered complete until the publications for each unit have been received by the State of Alaska. Note: Publications, when required, will be ordered on the same Purchase Order as the unit itself.
 - 7.1.1 All manuals are to be pre-assembled in factory binders prior to delivery.
 - 7.1.2 Compact discs are acceptable in lieu of paper for service and parts manuals.
- 7.2 **Service Manuals:**
 - 7.2.1 Complete set(s) (compact disc or books) to include applicable information covering unit:
 - 7.2.2 Body, chassis, and electrical
 - 7.2.3 Electrical troubleshooting
 - 7.2.4 Wiring diagrams
 - 7.2.5 Service specifications
- 7.3 **Parts Manuals:**
 - 7.3.1 Complete set(s) paper books including all updates. If updates are not provided during the warranty period, the State will order them from the manufacturer and bill the contractor for the full cost, including shipping.
- 7.4 **Operator's Manuals:** Complete set(s) to include prime unit.
- 7.5 **Quantities:** As per the State PO (Purchase Order).
- 7.6 **Manuals:** To be delivered to, and receipt signed by person(s) as noted on the Purchase Order.
- 7.7 **Service Bulletins, Etc.:** The contractor must provide appropriate service bulletins, technical support bulletins, service letters, product support bulletins, and/or any other information type notifications that are sent out to the vendor or used by the manufacturer in the maintenance and report of the vehicle, equipment or attachments being provided. The intent of this clause is that the State of Alaska be provided notification of any and all changes or improvements that may affect the maintenance, reliability, longevity, and safety of our equipment. This information will be provided as soon as possible to person(s) as noted on the Purchase Order.

8.0 STATEMENT OF ORIGIN: The contractor will be required to furnish a Manufacturer's Statement of Origin for Automotive or Non-Automotive rolling stock for each unit. All such documents shall be forwarded to:

DOT&PF, HQ State Equipment Fleet
2200 E. 42nd Avenue Room #311
Anchorage, Alaska 99508

9.0 INSPECTIONS:

- 9.1 The State's inspection of all materials and equipment upon delivery is for the sole purpose of identification. Such inspection shall not be construed as final or as acceptance of the materials or equipment if materials or equipment do not conform to contract requirements. If there are any apparent defects in the materials or equipment at the time of delivery, the State will promptly notify the contractor thereof. Without limiting any other rights of the State, The State at its option, may require the contractor to:
 - 9.1.1 Repair or replace at contractor's expense, any or all of the damaged goods,
 - 9.1.2 refund the price of any or all of the damaged goods, or
 - 9.1.3 accept the return of any or all of the damaged goods.
- 9.2 Costs of remedying all defects, indirect and consequential costs of correcting same, and/or removing or replacing any or all of the defective materials or equipment will be charged against the contractor.

10.0 PRICE:

- 10.1 **Price Guarantee:** The contractor is responsible to maintain prices under the contract firm for 120 days after bid opening. All price increases or decreases must remain for the following 120 days.
- 10.2 **NO RETROACTIVE PRICE INCREASES WILL BE ACCEPTED.**
- 10.3 **Price Decreases:** During the period of the contract, the contractor must pass on to the state all price decreases, such as fleet rebates. A contractor's failure to adhere strictly and faithfully to this clause will be considered a material breach of contract. The state reserves the right to cancel the contract if the contractor fails to properly perform the duties set out herein.

- 11.0 **MANUFACTURER'S REBATE (INCENTIVES):** In any circumstance during or prior to completion of the contract, whereupon the State of Alaska becomes eligible to receive a rebate for any vehicle purchased under this contract, it shall be the CONTRACTOR'S responsibility to inform the Contracting Officer in writing and to advise the procedures for obtaining such rebates.

12.0 REPLACEMENT PARTS:

- 12.1 The State of Alaska shall expect the dealer or manufacturer to provide replacement wear parts at their Anchorage (as a minimum Alaska location) authorized warranty facility within seven (7) days of order. All other parts must be available within ten (10) working days.
- 12.2 Back order procedures: Back orders are acceptable; however, the ordering shop shall be apprised at time of original orders as to the expected delay in delivery.
- 12.3 **Warranty:** All products supplied by the contractor shall be warranted against defects in materials and workmanship for a minimum of 90 days, commencing at the time of installation as long as the installation is within 12 months of purchase.

The cost of any defective product and the labor required to replace the defective product shall be the obligation of the contractor.

12.3.1 If the manufacturer's warranty exceeds the stated warranty then manufacturer's warranty supersedes.

12.3.2 Parts Return: Within 12 months of purchase, the State is to be allowed to return new, parts with full refund, less shipping charges.

12.3.3 Invoicing: Full description of item is required on all invoices, packing lists and billings.

13.0 BRAND NAME SPECIFICATION: For purposes of this contract, certain accessories are specifically identified by brand name and model/part number. Only the listed brand name and model/part numbers are acceptable. Substitutes shall be not allowed.

14.0 CONTRACT ADMINISTRATION: The administration of this contract, including any/all changes, is the responsibility of the Contracting Officer, HQ State Equipment Fleet.

15.0 PROPRIETARY INFORMATION AND STATEMENTS OF CONFIDENTIALITY:

- 15.1 Except as set forth in this provision, all information in all bids will be made public under AS 36.30.530 not later than the time of issuance of a notice of intent to award.
- 15.2 If the offeror submits information considered by it to constitute a trade secret or proprietary data, such information may be expressly designated as such, and must be accompanied by the offeror's certification that (1) the information has consistently been maintained by its owner as a trade secret or as proprietary information, (2) the owner of the information has taken due care to protect it from release to non-privileged persons, and (3) to the best knowledge of the offeror, the information has not lost its status as trade secret or proprietary information, whether by lack of diligent protection, release to any non-privileged person or otherwise.
- 15.3 Absence of such certification, any claim of confidentiality will be ignored, and the contractor may not hold any reasonable expectation of confidentiality.
- 15.4 Any information so certified will be held confidential so long as the contracting officer concurs that it constitutes a trade secret or proprietary data, and deems it not critical to determination of the price, quantity, or delivery terms bid, or the responsiveness of the bid.
- 15.5 By submission of a bid, the offeror consents to the Contracting Officer's exercise of reasonable judgment as to concurrence with any assertion of confidentiality, and waives any and all claims for release of information that the Contracting Officer reasonably deems not confidential notwithstanding a certified assertion of confidentiality.
- 15.6 A certified assertion of confidentiality in which the Contracting Officer concurs, with respect to information the contracting officer deems critical to determination of the price, quantity, or delivery terms bid, or the responsiveness of the bid, will cause the bid to be rejected as a non-responsive bid.

SECTION III**PRICE SCHEDULE**

Item	Unit	Description	\$ Amount
1a	1 ea.	8 Cubic Yard Material Spreader/Sander. Shall meet all specifications as listed In Specifications #565	<u>\$30,112.00</u>
STATE CLASS 565			
		YEAR, MAKE, MODEL:	<u>2007 HENDERSON AK 2007</u>
1b	1 ea.	OPTIONAL Inverted "V" (Per Spec Item 2.6)	<u>\$ 617.00</u>
1c	1 ea.	OPTIONAL Steel side spill shields (Per Spec Item 2.12)	<u>\$ 1,121.00</u>
1d	1 ea.	OPTIONAL Hopper Grizzly (Per Spec Item 3.0)	<u>\$ 3,312.00</u>
1e	1 ea.	OPTIONAL Air Deflector (Per Spec Item 4.0)	<u>\$ 555.00</u>
1f	1 ea.	OPTIONAL Conveyor Assembly flights to have 4½ (4.5) inch spacing in lieu of nine (9) inch (Per Spec Item 5.1.4.2.1)	<u>\$ 545.00</u>
1g	1 ea.	OPTIONAL Front idler grease tubes to rear (Per Spec Item 5.4)	<u>\$ 110.00</u>
1h	1 ea.	OPTIONAL Pre-wet system (Per Spec Item 7.0)	<u>\$ 2,141.00</u>
1i	1 ea.	OPTIONAL Dual electronic vibrators (Per Spec Item 8.0)	<u>\$ 2,038.00</u>
1j	1 ea.	OPTIONAL Publications, per set (Per Spec Item 12.6)	<u>NO CHARGE</u>

FOB Point: Final Destination. Total price includes shipping to Seattle/Tacoma. See Section II, Special Terms and Conditions, Paragraph 3, FOB point, for shipping information.

Required delivery: Not later than 90 days ARO (After Receipt of Order).

Offered Delivered Time: **90** Days ARO.

SECTION VI

SPECIFICATIONS

SPECIFICATION #566
8 Cubic Yard Stainless Steel
Chassis Mounted Hopper Type Material Spreader
May 24, 2007

GENERAL SPECIFICATION:

It is the purpose of this specification to describe a new and of the manufacturer's latest design and construction, stainless steel, hopper type material spreader of eight (8) cubic yard (struck) capacity capable of spreading up to 1500 pounds per lane mile. Unit is to be designed for easy chassis mounting and dismounting from a standard tandem axle dump truck chassis with approximately 40 inch frame height and 126 inch cab to tandem measurements. The sander shall be equipped with a hydraulic power train operating conveyor and spinner. Any reference to stainless steel hereafter will be construed to be grade 304 stainless steel.

Unit must have been in production for a minimum of four (4) years.

Unit to include all standard equipment and accessories as advertised in manufacturer's specification sheet of model offered, unless otherwise specified herein.

APPLICATION:

Spreading sand, crushed rock and/or dirt, with corrosive and non-corrosive chemicals on paved and unpaved roadways. Varying terrain and weather conditions to minus 50 degrees Fahrenheit.

TYPICAL MANUFACTURERS:

HENDERSON or *MONROE*, provided all of the following minimum specifications are met.

1.0 POWER TRAIN:

1.1 Hydraulics:

- 1.1.1 The host unit's crankshaft driven hydraulic pump, including hoses, reservoir, and spreader control, will be part of the truck host and are not required to be furnished with spreader.
 - 1.1.1.1 The host truck's hydraulic pump is capable of providing 20 GPM to the conveyor motors and 5 (five) GPM to the spinner motor, both at 1850 PSI.
- 1.1.2 (*) Hydraulic motors are to be US manufactured *CHAR-LYNN* 2000 Series or *WHITE* equivalent.
 - 1.1.2.1 One (1) each motor is to be used for the conveyor.
 - A Char-Lynn 2000 series will be provided
 - 1.1.2.1.1 (*) A *POWER WHEEL* Model 6 "T" Series or equal reduction drive gear box is to be used in conjunction

with the hydraulic motor for the conveyor. To include a ratio of 25:1.

A Power Wheel Model 6T will be provided.

1.1.2.2 A separate hydraulic motor is provided to drive the spinner.

1.1.2.2.1 The motor is directly mounted to the top of the spinner.

1.1.3 Manual Reversing Valve:

1.1.3.1 To be located on the rear of the unit, next to the gear box to enable the conveyor chain to go into reverse.

1.1.3.2 To be 20 GPM capable.

1.1.4 Spreader to be equipped with hydraulic lines to spinner and conveyor motors, both running to a convenient location on front right corner of spreader to a single connection point. Lines to be capped.

1.1.5 Hydraulic Hose:

1.1.5.1 High pressure hose is *WEATHERHEAD* H-104 or equivalent.

1.1.5.2 Low pressure hose is *WEATHERHEAD* H-325 or equivalent.

1.1.6 Hydraulic installation is designed to mate to current State trucks.

2.0 HOPPER BODY:

2.1 All material, except as noted, to be 304 stainless steel.

2.2 Seven (7) gauge sides, ends and sills.

2.3 Body Length: 12 feet.

2.4 Body Width: Maximum 88 inches with exception to fenders and the side spill shields that need to extend out to provide an overall width of 102 inches.

2.5 Body Height: Maximum 54 inches (from frame base to top side edge).

2.6 Conveyor chain protectors are to be bolt-on.

2.7 Inverted "V": **(Optional Item: Refer to Section III – Price Schedule.**

2.7.1 To be adjustable, replaceable/removable (bolt-on)

2.8 To provide lifting eyes at each corner of spreader box.

2.9 Catwalk:

2.9.1 Located on left front side, to be grip strut, four (4) foot in length x eight (8) inches minimum.

2.9.2 See below picture and 'GRIZZLEY DRAWING' at the end of these specifications.

2.10 Full length stainless steel skirting at base of spreader along each side to act as rear tandem wheel fender. Skirting is sloped in areas where there are not pre-wet tanks.

2.10.1 Fenders, sloped, to extend out to 102 inches.

- 2.11 Box in all cross members and provide rear cross member with 1/4" 304 stainless steel plate for mounting to rear hinge, rear cross member to be shipped loose. (Shipping the rear cross member loose is because some of our trucks may require the material spreader to be mounted more forward or rearward on the truck frame.)
 - 2.11.1 Cross members to be welded top and bottom.
- 2.12 Steel Side Spill Shields. **(Optional Item: Refer to Section III – Price Schedule.)**
 - 2.12.1 Minimum angle of grizzly sides. To take overall width of unit to 102 inches, seven (7) gauge.
- 2.13 Ladder:
 - 2.13.1 Two (2) each gripstrut rungs, approximately 16 inches wide x one (1) inch tread depth, 16 inch step height.
 - 2.13.2 Railing to be 36 inches.
 - 2.13.3 See below picture
 - 2.13.4 Ladder to be shipped loose, not installed (State will install).



3.0 HOPPER GRIZZLY: (Optional Item: Refer to Section III – Price Schedule.)

- 3.1 Hopper Grizzly is State of Alaska design.
- 3.2 Grizzly is not stainless steel, except as noted.
- 3.3 Shall include heavy-duty grizzly bars over top of hopper body to eliminate oversize material.
- 3.4 To be constructed of minimum 1½ (1.5) inch outside diameter schedule 80 iron pipe.
 - 3.4.1 Approximately 45 inches in length.
 - 3.4.2 On 4-1/8 (4.125) inch centers providing approximately 2½ (2.5) inch spacing.
- 3.5 Frame to be assembled in three (3) sections constructed of 3/8 (0.375) x two (2) inch angle iron.
 - 3.5.1 To be properly hinged to permit access into hopper with hinge point approximately 18 inches above hopper body side ledges.
- 3.6 Bottom section for frame angle iron to be positioned so that:
 - 3.6.1 Inside flat side of angle iron sets just inside of top of hopper body ledge.
 - 3.6.2 Top flat side of angle iron to which pipe is attached rests on hopper body top ledge.
 - 3.6.3 Center ridge post to be approximately 3½ (3.5) inch outside diameter schedule 80 iron pipe.
 - 3.6.4 Approximately 18 inches above top of hopper body.
- 3.7 Hopper grating protectors to be stainless steel and consist of vertically welded plates on both ends of hopper body and at division of each grizzly section.
 - 3.7.1 Both front and rear end plates to be approximately (2) inches higher than grizzly. Center plate(s) to be mounted flush with grizzly.
- 3.8 Also refer to 'GRIZZLEY DRAWING' at the end of these specifications.

4.0 AIR DEFLECTOR: (Optional Item: Refer to Section III – Price Schedule.)

- 4.1 An air deflector shall be supplied on the upper rear of the unit to help prevent snow, ice, and sand accumulation on the rear of the sander, including lights and the "Keep Back 50 Feet" sign. The sign, which is approximately 16x20 inches, will be supplied and installed by the state, after delivery.
- 4.2 To be bolt-on design, full width of hopper.
- 4.3 Stainless steel, 12 gauge, construction.

5.0 CONVEYOR ASSEMBLY:

- 5.1 Conveyor chain shall be 100 percent stainless steel including bar flights, all side links, pins, and drive links, running full length of body.
 - 5.1.1 Width, 30 inches minimum.

- 5.1.2 Shall consist of two (2) heavy-duty strands, minimum capacity of 20,000 pounds, block chain (roller style).
- 5.1.3 Pins are to be welded to keep pins in place on links.
- 5.1.4 Flights to be flat type.
 - 5.1.4.1 3/8 x 1½ (1.5) inch, welded to side-bars (top and bottom).
 - 5.1.4.2 Nine (9) inch spacing.
 - 5.1.4.2.1 4½ (4.5) in lieu of nine (9) inch spacing. **(Optional Item: Refer to Section III – Price Schedule.)**
- 5.2 Adjustment Screws:
 - 5.2.1 To include two (2) each, heavy-duty, spring-loaded, adjustment screws, to maintain proper conveyor tension.
 - 5.2.2 To provide a minimum of three (3) inch travel for tension adjustment.
- 5.3 Front idler and drive shafts to be minimum two (2) inch diameter, steel.
- 5.4 Front idler to include grease tubes to rear of unit. **(Optional Item: Refer to Section III – Price Schedule.)**
- 5.5 Bearings or bushings to include easy access grease fittings, sealed.
- 5.6 Sprockets:
 - 5.6.1 To be drop forged or case hardened, eight (8) tooth.
 - 5.6.2 All sprockets to be common and interchangeable.
 - 5.6.3 Sprockets are not to be welded to shafts.
 - 5.6.3.1 To be keyed type with set screw.
- 5.7 Conveyor Wear Plate:
 - 5.7.1 Consist of ¼ (0.25) inch thick stainless steel wear plate, full width and length of conveyor.
- 5.8 A wiper shall be installed at the discharge end to prevent residue on conveyor chain from being cast onto, and building up on, truck frame and valve body bank.
- 5.9 Front of hopper body conveyor to be cut out the width of conveyor approximately six (6) inches above conveyor.
 - 5.9.1 To include gate or heavy rubber flap to provide access to front of conveyor.
- 5.10 Rear of hopper body to include an adjustable feed gate above conveyor to control flow of material to spinner.
 - 5.10.1 Flange to be two (2) inch.
 - 5.10.2 Gate thickness to be seven (7) gauge.

6.0 SPINNER ASSEMBLY:

- 6.1 Shall consist of a hydraulic motor turning a single center mounted spinner disc. (Hydraulic motor to be mounted directly to top of spinner disc).

- 6.1.1 Rotation of spinner wheel to be counter clockwise, as looking down on spinner.
- 6.2 Spinner disc to be 24 inch diameter.
 - 6.2.1 To be fluorocarbon of high strength heavy-duty polyurethane elastomer.
 - 6.2.2 To include minimum of six (6) flights.
 - 6.2.2.1 Vanes to be replaceable.
- 6.3 Capable of distributing material to a minimum radius of 20 foot from the spinner.
- 6.4 Deflectors:
 - 6.4.1 To be stainless steel.
 - 6.4.2 Manually adjustable and capable of controlling spread in desired directions.
 - 6.4.3 Adjustable to a minimum radius of eight (8) feet.

7.0 PRE-WET SYSTEM – INSTALLED: (Optional Item: Refer to Section III – Price Schedule.)

- 7.1 Low pressure system for magnesium chloride.
- 7.2 Tank:
 - 7.2.1 Capacity: Minimum of 150 total gallons (one each left side mounted at 75 gallons and one each right side mounted at 75 gallons).
 - 7.2.2 Construction: baffled, translucent poly, UV protected, with minimum wall thickness of 1/4 (0.25) to 5/16 (0.3125) inch thick.
 - 7.2.3 To include a minimum five (5) inch opening chained cap.
 - 7.2.4 To include a top mounted breather vent.
- 7.3 Pump to be of bronze cast housing construction and be hydraulically driven.
- 7.4 Piping and fittings to be corrosion resistant.
- 7.5 Enclosure:
 - 7.5.1 Pump, low on/off solenoid valve, manual proportional adjustable flow divider for accurate gallons to ton ratio, etc., to be housed in a corrosion resistant constructed enclosure.
 - 7.5.2 Wiring for coil to include gm Packard connectors (Male/Female), 10 foot coiled up along with
- 7.6 Nozzles to include check valves.

8.0 DUAL ELECTRONIC VIBRATORS with stainless steel mounting plates: (Optional Item: Refer to Section III – Price Schedule.)

- 8.1 To be *VIBCO* Model DC1600.
- 8.2 To be located outside center of body, midway up.
- 8.3 Wires and switches to be shipped loose, in a box.

9.0 CAB GUARD:

- 9.1 To provide cab guard at front of spreader extending 32 inches beyond front of hopper.
- 9.2 Bottom of guard to be flush with top of hopper sloping up approximately 24 inches to leading edge of guard with a four (4) inch vertical stiffener across front, welded to leading edge of bottom plate of guard and side plates.
- 9.3 Side plates to extend to top of front plate and be flush with hopper front end guard plate at front of hopper body.
- 9.4 Front grizzly protector plate to be cut out per sketch (sketch or photo available upon request) to allow any material spilled on cab guard to slide back into spreader hopper.
- 9.5 Cab guard to be constructed of minimum of seven (7) gauge stainless steel plate.
- 9.6 All hardware to be stainless steel. Washers are to be used on both sides. Nuts to be nylock.
- 9.7 Also refer to 'CAB GUARD DRAWING' at the end of these specifications.
 - 9.7.1 Note: Drawing to serve only as a guide.

10.0 MUD FLAPS:

- 10.1 Shall be heavy-duty black rubber with no logo.
- 10.2 Each unit requested to have four (4) flaps with installing hardware packed in hopper for shipping purposes.
- 10.3 With sufficient length to suspend from skirting to within 12 inches of ground.
- 10.4 Mud flaps will be installed by State in proper location to fit host truck on which spreader body will be installed.
- 10.5 All hardware to be supplied. To be stainless steel. Nuts to be nylock.

11.0 LIGHTS AND WIRING:

- 11.1 Complete flush mounted lighting system shall conform to Federal (FMVSS) specification #108.
 - 11.1.1 Stop, turn, and tail to be *TRUCK-LITE* Model Super 44 LED with 42 Diode Pattern and Fit 'N Forget plug assembly.
 - 11.1.2 Back-up lights to be sealed back-up light, *TRUCK-LITE* Model 44 Back-Up with 54 Diode Pattern, with Fit 'N Forget plug assembly. To use rubber mounting grommet
 - 11.1.3 Marker and clearance lights to be *TRUCK-LITE* Super System.
 - 11.1.3.1 Lower marker/clearance lights are to be protected by a shield as per this photo:



- 11.1.4 This closed system shall be designed to protect against abrasion, salt, capillary action, and physical damage using sealed junction boxes, compression fittings and standard production *BETTS* or *TRUCK-LITE* sealed wiring harnesses.
- 11.1.5 Mounted on spreader box taking maximum advantage of the air deflector.
- 11.2 Rear Flood/Work Lights:
 - 11.2.1 Two (2) each, to include an adjustable, rubber tractor/implement flood-light-Par 36.
 - 11.2.2 Rubber housing, H7614 halogen sealed flood beam, and zinc plated bracket.
 - 11.2.3 Situated to illuminate the spinner material spread pattern on left and right hand side of spreader.
 - 11.2.4 Refer to 'REAR LIGHT DRAWING' at the end of these specifications.
- 11.3 All light bodies and junction box(es) for *TRUCK-LITE* system to be of high impact, chemical resistant type material. Junction box to be located on forward lower front of hopper body.
- 11.4 Strobe Lights:
 - 11.4.1 To include the *WHELEN* SuperStrobe as set forth in the attached *WHELEN* drawing #81374, Sheet 1 of 7, Rev. N, dated 10/17/90.
 - 11.4.1.1 Exclude UPS-4 power supply and cab switches.
 - 11.4.1.2 Wiring and connection for hook-up to power supply and controls on existing truck chassis must be provided. To include 10 foot of additional strobe light wiring with *WHELEN* connectors, coiled, to permit connection into the truck cab

- 11.4.2 *WHELEN* Model S360's to be mounted on front of spreader cab guard forward corners, on six (6) inch pedestals.
- 11.4.3 Rear mounted dual "S" head assemblies to be mounted approximately seven (7) feet above ground level just below the rear air deflector.
- 11.4.4 Left lenses on unit to be amber. Right lenses on unit to be blue.
- 11.4.5 *WHELEN* contact representative:
 - 11.4.5.1 Kent Bruce
 - 11.4.5.2 Phone: 360-886-9410
- 11.4.6 Refer to 'REAR LIGHT DRAWING' and 'WHELEN DRAWING' at the end of these specifications.
- 11.5 Wiring:
 - 11.5.1 Wiring (for stop/turn/tail/marker/work lights) to include 10 feet of additional cable (*BEE WIRE & CABLE, INC.* Bee-Flex, or similar, SAE & ATA oil and water resistant good to minus 55 degrees Fahrenheit) to end at right front lower corner of sander unit next to hydraulic ends. The 10 foot of additional wire to be coiled to permit connection to *BETTS* junction box on chassis of existing truck on which spreader to be installed. This junction box is located in-between the truck chassis rails at the rear of the truck.
 - 11.5.2 All non-factory wire connections (splices, connectors, etc.) shall be soldered and shrink tube insulated with adhesive/metable sealant, thick wall polyolefin shrink tubing (3M EPS-300 or equal).
 - 11.5.2.1 No non-factory crimp connections allowed.
 - 11.5.2.2 All electrical connectors shall have dielectric grease applied to terminals to reduce corrosion.
 - 11.5.3 All non-factory wiring shall be encased in a totally sealed wiring harness (no plastic split loom) to prevent corrosion from magnesium chloride. The wiring harness shall be well secured to the truck with neoprene aircraft stainless steel tubing clamps.
 - 11.5.4 Rubber grommets shall be used at all areas where the wiring passes through areas that could damage the wiring.
- 11.6 Also refer to 'REAR LIGHT DRAWING' and 'WHELEN DRAWING' at the end of these specifications.

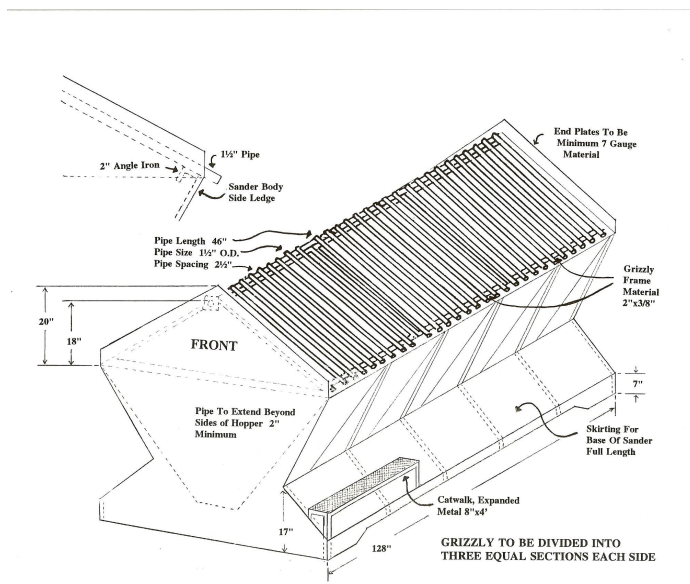
12.0 MISCELLANEOUS:

- 12.1 Sprockets, pulleys, idler shafts, drive shafts, spinner discs, gear boxes, and hydraulic motors are not required to be stainless steel.
- 12.2 All body and structural components not specifically indicated are to be 304 stainless steel.
- 12.3 All exposed edges to be ground and smoothed to eliminate any possibility of cuts by personnel working on or climbing on spreader.
- 12.4 Paint:

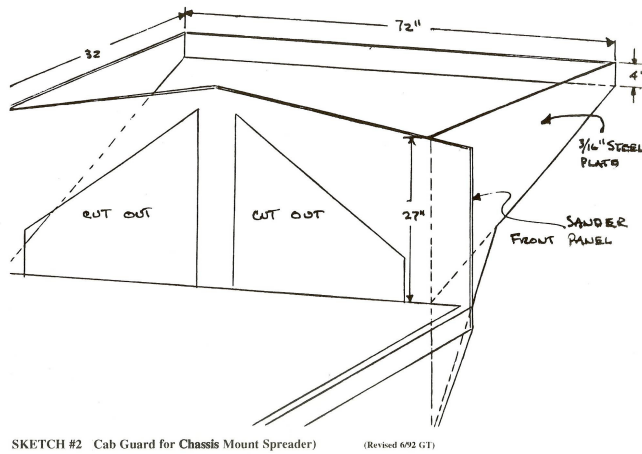
- 12.4.1 Stainless steel is not to be painted.
- 12.4.2 Non stainless (hydraulic motor, gearbox, grizzly, hydraulic hoses and electrical fixtures) to be cleaned of all contamination and millscale by media blasting (exception to hoses and electrical) and then primed and painted, minimum of 3.5 mils, with urethane product to manufacturer's recommendations or be powder coated, orange or black in color.
- 12.5 Warranty: To be a one (1) year (12-months), 100 percent parts and labor warranty. Refer to Section III – Special Terms and Conditions.
- 12.6 Publications: **(Optional Item: Refer to Section III – Price Schedule.)**
 - 12.6.1 As per Section II – Special Terms and Conditions.
 - 12.6.2 Refer to the State PO (Purchase Order) for quantities.

Note: The following sketches and drawings as referred to by the specifications. In order to keep this document lesser KB file size, the photos are small in size. While viewing this document in MS Word, you may right click on the sketch/drawing and then save it to another file to enlarge it or just left click on it and drag the lower right corner of the drawing to expand its size.

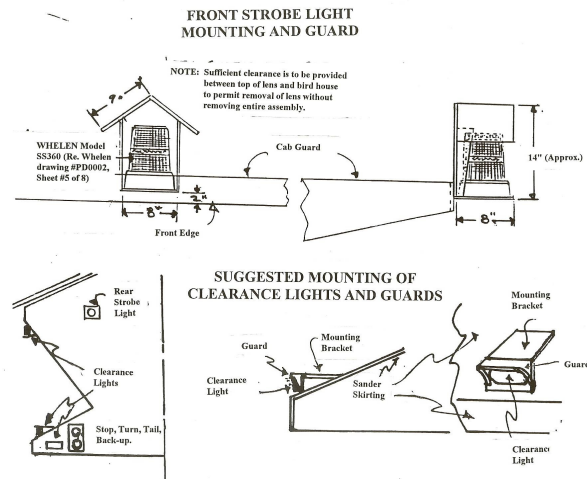
GRIZZLY DRAWING:



CAB DRAWING (Sketch #2):



CAB STROBES DRAWING (Sketch #3):



SKETCH #3 (Revised 595 GT)

Technical drawing of the rear lighting assembly for a vehicle, showing various components and their dimensions. The drawing includes the following labels and dimensions:

- SPILL SHIELD**
- SUPPORT**
- Full Width STAINLESS DEFLECTION GUARD FOR STROBE & MARKER LIGHTS**
- WELDED AMBER REAR STROBE ASSEMBLY**
- MARKER LIGHTS**
- STAINLESS STEEL WATER PROOF ADJUST. MOUNT**
- WELDED BLUE REAR STROBE ASSEMBLY**
- ADJUSTABLE**
- PEDestal MOUNT REAR LIGHT**
- 4"**
- PEDestal FLOOD LIGHT**
- 4"**
- STAINLESS STEEL WATERPROOF REAR LIGHT MOUNTING MODULES (1 each side, max) 12 3/4" x 6 1/2" x 2 1/2"**
- STOP, TAIL & TURN (LED)**
- BACK-UP (LED)**
- CLEARANCE LIGHTS**
- LIGHT SHIELDS**

REAR LIGHTING (5-24-2007 ST)

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Section IV – Specifications #566 – CA 1607367
SEF 1200 – Three Year Contract for 8CY Material Spreaders/Sanders
Page 12 of 12